Municipal and County Engineering

DESIGN, CONSTRUCTION, OPERATION AND MAINTENANCE OF ALL PUBLIC WORKS

Vol. LXXII. MARCH, 1927 **No. 3**

CONTENTS

U. S. Supreme Court and Public Utility Valuation 105
Testing and Thawing Frozen Concrete 108
Coordination of Railway and Highway Service 112
Untying the Traffic Knot 116
Garbage Collection and Disposal in Middle West 119
Program of A. A. E. for Higher Compensation 121
Municipal Sanitation in Virginia 122
Water Purification Experiences at Detroit, Mich. 125
The Municipal Water Plant 133
Reasons for Differences in Behavior of Imhoff Tanks 135
Gravel As a Road Surfacing Material 139
Highway Materials Control in Michigan 143
Highway Transportation in Detroit Region 146
Resolutions on Engineering Education 149
Adequate Compensation for Engineers 150
Why Is a Contractor? 151
Playground Beautification Awards 152
The Railway and the City Plan 152
An Example of Politics in Road Building 153
Railways Adopt Water Cement Ratio Law 154
The Pay-As-You-Go Myth 154

Price: Single copy 25 cents. Annual subscription in U. S. $2.00; Canada, $2.40; Foreign, $2.75.

MUNICIPAL AND COUNTY ENGINEERING is published monthly by Engineering Publishing Company, 702 Wulsin Building, INDIANAPOLIS, INDIANA, A. P. FOX, President, J. H. Pritchard, Secretary.

Changes of address, subscriptions and remittances should be addressed to MUNICIPAL AND COUNTY ENGINEERING, Indianapolis, Indiana. Editorial and business communications should also be addressed to 702 Wulsin Bldg., Indianapolis, Ind.

Editorial and Advertising Offices also at 702 Wulsin Bldg., Indianapolis, Ind. Samuel C. Hadden, Editor and General Manager.

Warrenite-Bitulithic Pavement

"A WARRENted Product"

Building good roads calls for specialized knowledge—knowledge of materials and how to use them. Roads and road building materials and equipment are our only product. We build nothing else. But the roads we *do* build, and the roads built with our products are roads that deliver everlastingly good service. And after all, that's what you want when you pay for a road.

Warren Brothers Company

International Highway Engineers and Contractors

Executive Offices:
BOSTON, MASS.

DISTRICT OFFICES:

New York, N. Y.	Chicago, Ill.	Toronto, Ont.	Oklahoma City, Okla.
Portland, Ore.	Phoenix, Ariz.	Memphis, Tenn.	Salt Lake City, Utah
St. Louis, Mo.	Washington, D. C.	Los Angeles, Cal.	Melbourne, Australia
Harrisburg, Penn.	Utica, N. Y.	New Orleans, La.	Sydney, Australia
Vancouver, B. C.	Minneapolis, Minn.	Dallas, Texas	Buenos Aires, R. A.
Birmingham, Ala.	Oakland, Cal.	Charlotte, N. C.	Tokyo, Japan